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# RECALL CAMPAIGN BULLETIN

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Reference:

NTB15-006

Date:

February 4, 2015

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## VOLUNTARY SAFETY RECALL CAMPAIGN 2008 – 2014 ROGUE CONNECTOR CORROSION

**CAMPAIGN ID #:** R1421  
**NHTSA #:** 15V-032  
**APPLIED VEHICLES:** 2008 – 2013 Rogue (S35)  
2014 – Rogue Select (S35)

**Check Service COMM to confirm campaign eligibility.**

### INTRODUCTION

Nissan is conducting a Voluntary Safety Recall Campaign on certain specific Model Year 2008 – 2013 Rogue and 2014 Rogue Select vehicles to inspect and, if necessary, repair the harness connector M14/B4. This service will be performed at no charge for parts or labor.

### IDENTIFICATION NUMBER

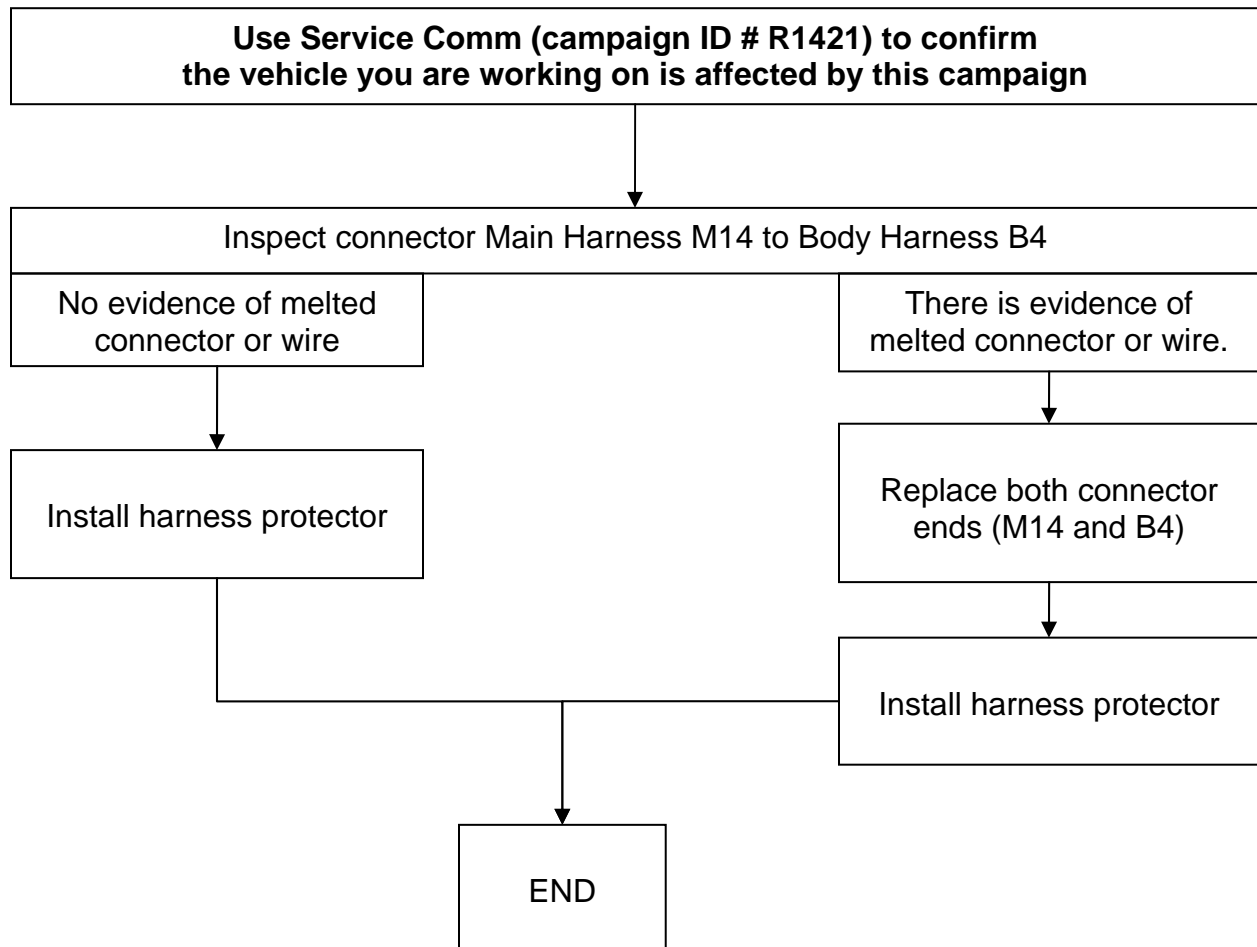
Nissan has assigned identification number R1421 to this campaign. This number must appear on all communications and documentation of any nature dealing with this campaign.

### DEALER RESPONSIBILITY

It is the dealer's responsibility to check Service Comm for the campaign status on each vehicle falling within the range of this voluntary safety recall which for any reason enters the service department. This includes vehicles purchased from private parties or presented by transient (tourist) owners and vehicles in a dealer's inventory. **Federal law requires that new vehicles in dealer inventory which are the subject of a safety recall must be corrected prior to sale. Failure to do so can result in civil penalties by the National Highway Traffic Safety Administration.** While federal law applies only to new vehicles, Nissan strongly encourages dealers to correct any used vehicles in their inventory before they are retailed.

Nissan Bulletins are intended for use by qualified technicians, not 'do-it-yourselfers'. Qualified technicians are properly trained individuals who have the equipment, tools, safety instruction, and know-how to do a job properly and safely. NOTE: If you believe that a described condition may apply to a particular vehicle, DO NOT assume that it does. See your Nissan dealer to determine if this applies to your vehicle.

## REPAIR OVERVIEW



### REQUIRED SPECIAL TOOL J-46538 Flame-Less Heat Gun.

- Additional tools can be ordered from TECH-MATE at 1-800-662-2001.



Figure AA

## SERVICE PROCEDURE

### Inspection

1. Remove the driver side inner front kicking plate.
  - If needed, refer to the Electronic Service Manual (ESM), section INT-Interior, for removal information.
2. Remove the driver side dash side finisher.
  - If needed, refer to the Electronic Service Manual (ESM), section IT-Interior, for removal information.
3. Inspect connector Main Harness M14 to Body Harness B4 (see Figure 1).
  - Look for any evidence of connector melting (see Figure 2 on the next page).
  - Look for any evidence of wire melting (see Figure 2 on the next page).

### Main Harness to left side Body Harness connector location

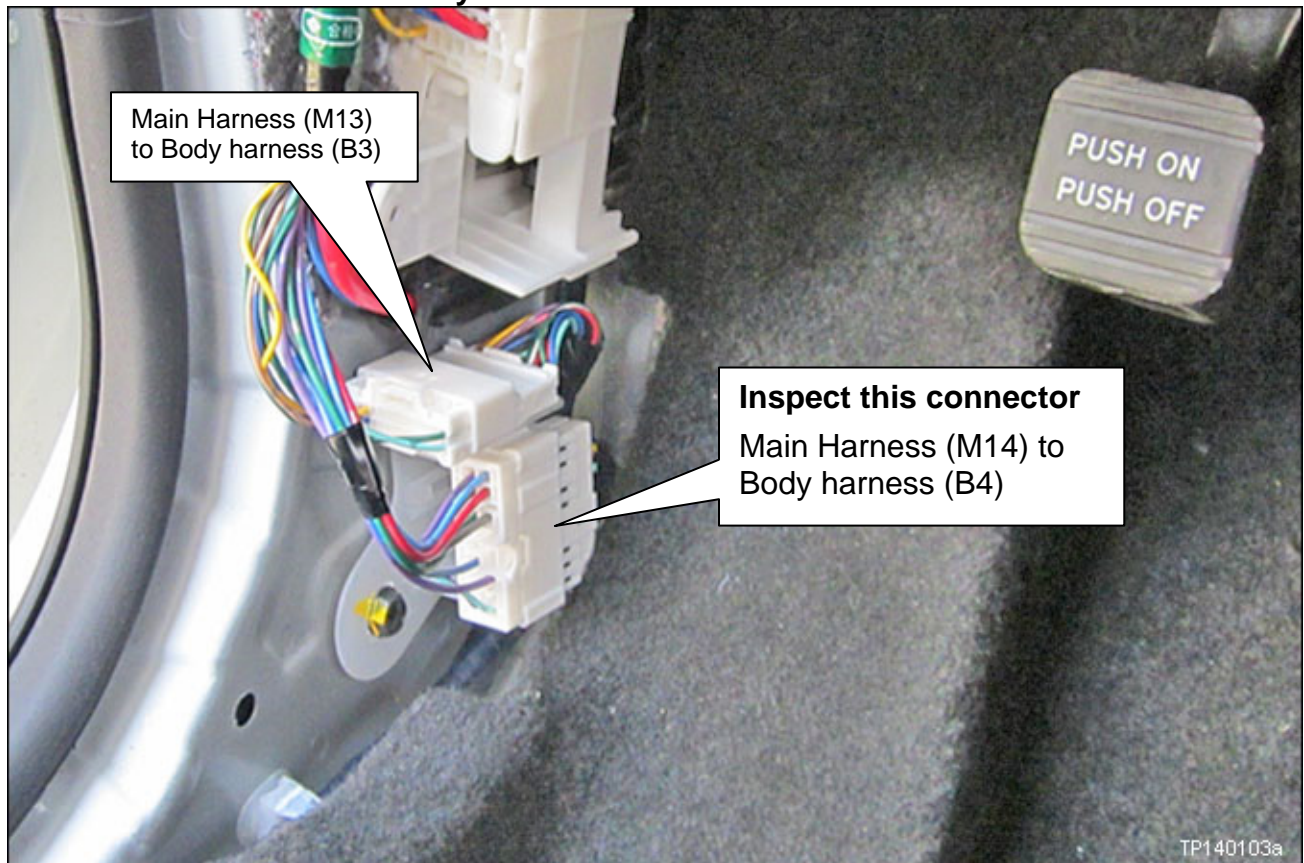


Figure 1

### Examples of melted connector/wire

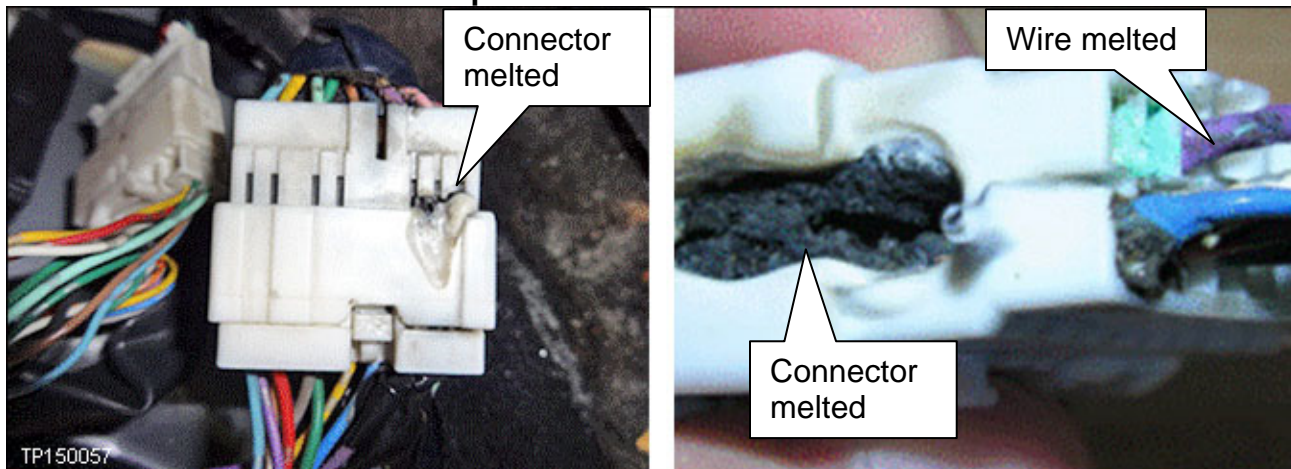


Figure 2

If there **is** evidence of connector or wire melting:

- Go to **Connector Replacement** on the next page.

**IMPORTANT:**

Make sure the top of the protector aligns with the second rib from the top on the harness mount.

If there is **no** evidence of connector or wire melting:

- A. Cover connectors M13/B3 and M14/B4 with harness protector as shown.
  - Harness protector is listed in the Parts Information.
- B. Re-install the dash side finisher and the inner kicking plate.
- C. Return the vehicle to the customer.

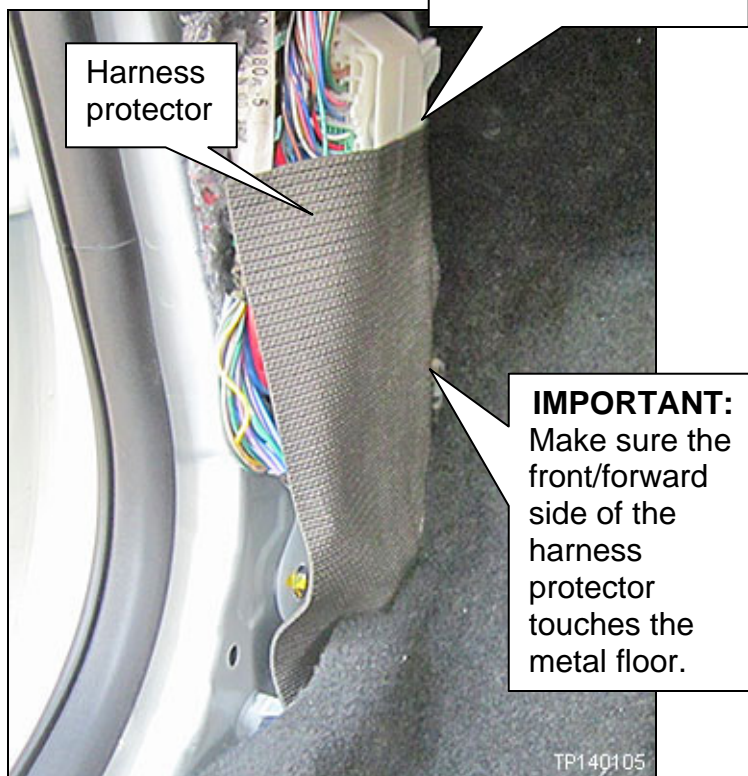


Figure 3

## Connector Replacement

1. Write down the radio settings.

Presets	1	2	3	4	5	6
AM						
FM 1						
FM 2						
XM 1						
XM 2						
XM 3						
Bass	Treble		Balance	Fade	Speed Sen. Vol.	

2. If equipped, check and write down the customer settings for the ATC (Automatic Temperature Control) system. Refer to the ESM as needed.
3. Turn the ignition OFF.
4. Disconnect the negative battery cable.
5. Disconnect the Main Harness M14 from the Body Harness B4.

- Take loose the harness strap shown in Figure 4.
- The body harness connector end (B4) will be easier to replace with the strap removed.
- Use a new strap, included with the connector kit, for reassembly.

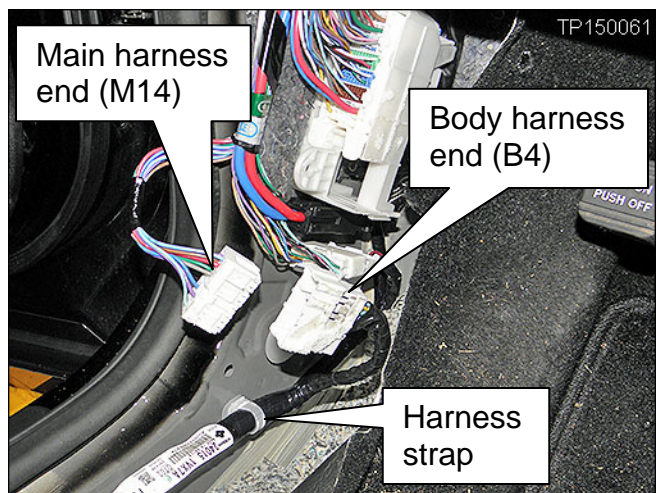


Figure 4

6. Remove (cut off) the old connector ends and install new connector ends for both the Main Harness M14 and Body Harness B4 as follows:

- a. Choose any one of the shorter wires on the new connector.
- b. Find the matching wire on the old connector and cut it.

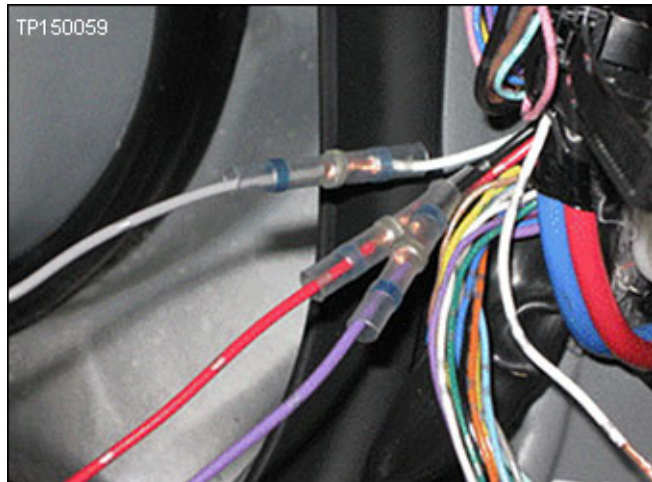


Figure 5

- c. Use a solder sleeve connector to attach the wires.
  - **Solder** sleeve connectors are included with the connector kit listed in the Parts Information.

- **J-47003-2 (Red):** For wire size 20 and 22 gauge (0.5 and 0.3 mm dia.) – smaller wires.
- **J-47003-3 (Blue):** For wire size 14, 16, and 18 gauge (2.0, 1.25, and 0.85 mm dia.) – larger wires.

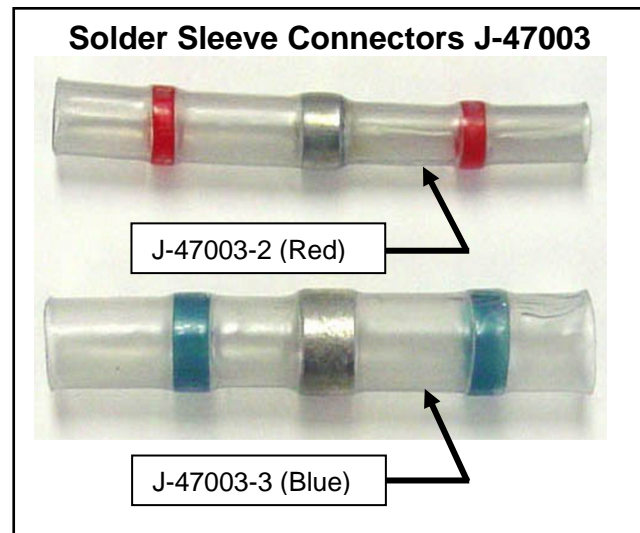


Figure 6

- **Refer** to Quick Reference for Using Solder Sleeve Connectors on the next page.

d. Repeat a, b, and c above for all wires in connector M14 and B4 and then proceed to step 7 on page 9.

## Quick Reference for Using Solder Sleeve Connectors

- A. Strip about 10 mm of insulation from the ends of the wires.

**NOTE:**

- Use the correct size opening in the wire crimper tool so you won't cut off any strands of wire.
- Less strands reduce the ability of the wire to handle the expected electrical load.

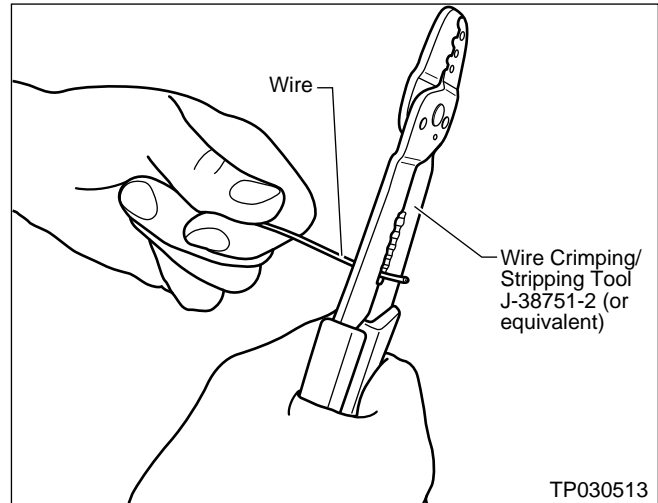


Figure A

- B. Slide a Solder Sleeve Connector over the wire.

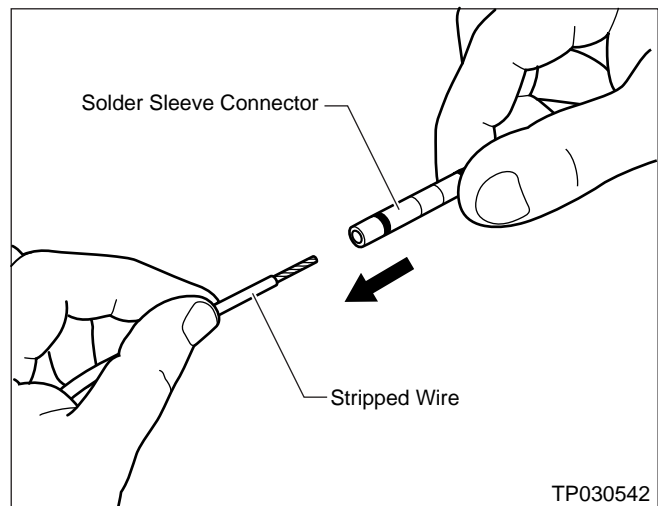


Figure B

- C. Make sure the wires are securely twisted together.

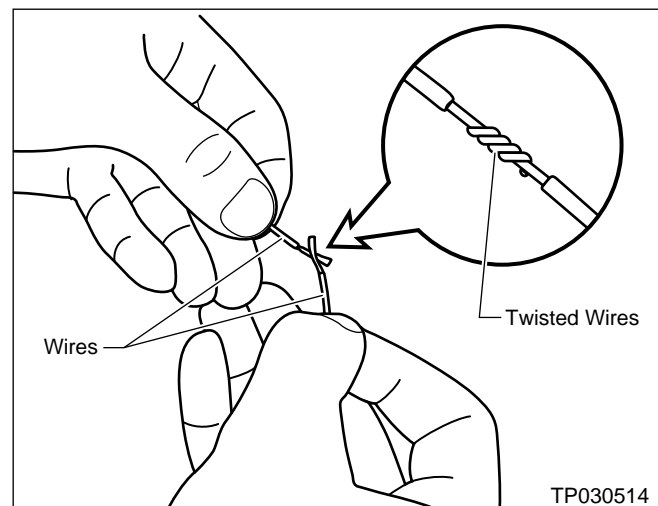


Figure C

- D. Position the Solder Sleeve Connector so that the solder ring (in the connector) is centered around the exposed twisted wire area (see Figure D).

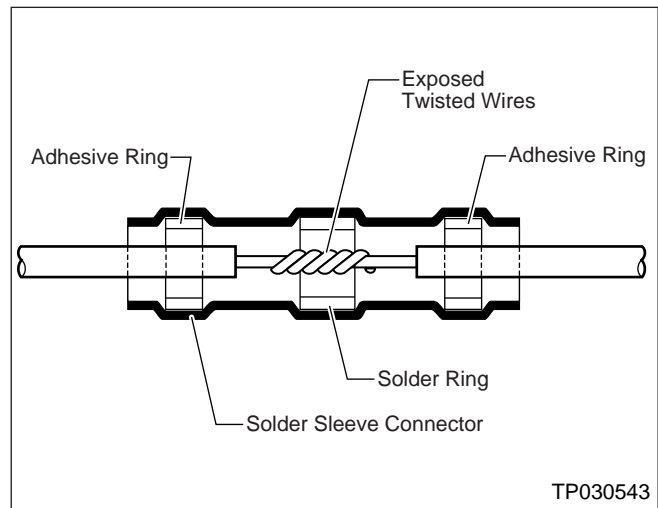


Figure D

- E. Use the special Flameless Heat Gun—J-46538 to heat the Solder Connector.

This operation will:

- Melt the solder (silver ring inside the Solder Sleeve Connector) into the exposed twisted wire area.
- Melt the sealant (red rings inside solder connector) onto the wires.
- Shrink the plastic sleeve onto the wires.

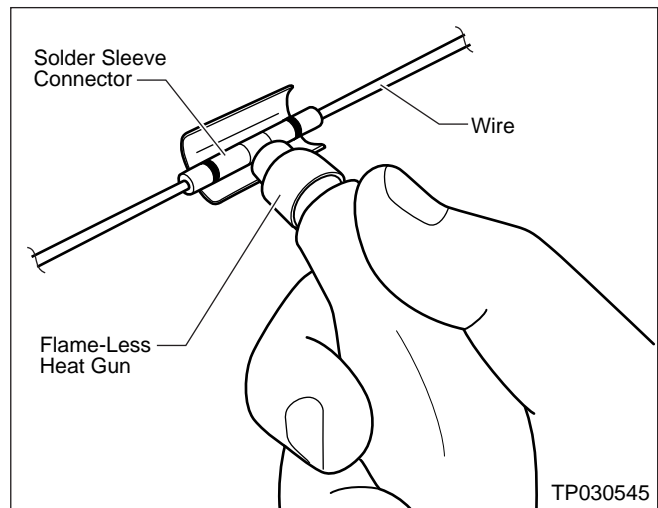


Figure E

### Important Soldering Tips:

- Position the Solder Connector in the middle of the heat shield (of the Heat Gun).
- Start heating the connector from the center and move back and forth (side to side) and around to allow even distribution of the heat to the entire connector.
- Make sure the solder completely flows into the exposed twisted wires and the adhesive properly seals the wire insulation to the connector sleeve. Stop applying the heat immediately after this happens.

### WARNING:

- The Flame-Less Heat Gun and the Solder Connectors become HOT during the soldering process.
- Allow the Gun and connectors to cool down before handling them.

**CAUTION:** Be careful not to damage the connector or wires with the heat gun:

- Do NOT apply heat for more than about 40 seconds.
- Do NOT overheat the connector or wires (i.e., severe darkening of connector sleeve or wire insulation).



7. Once all of the wires have been connected with solder sleeve connectors, wrap the harness with electrical tape.



Figure 7

8. Re-connect Main Harness M14 to Body Harness B4.

9. Cover connectors M13/B3 and M14/B4 with harness protector as shown.

- The harness protector is listed in the Parts Information.

10. Reinstall the dash side finisher and the inner kicking plate.

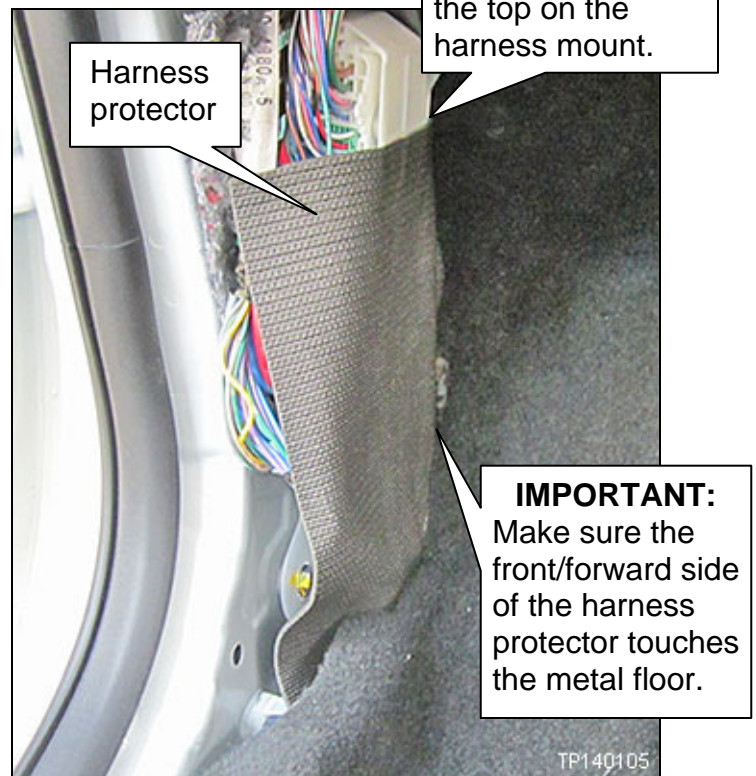


Figure 8

11. Re-connect the negative battery cable.

12. Reset the clock and the radio settings.

13. If equipped; reset customer's settings for the ATC (Automatic Temperature Control) system. Refer to the FSM as needed.

14. Initialize the driver's power window as follows:

- a. Turn the ignition ON (keep the transmission in Park and the parking brake applied).
- b. Close the door.
- c. Operate the power window switch to fully open the window.
- d. Pull UP and continue to pull UP on the power window switch to fully close the window.
- e. Continue pulling the power window switch UP for 3 seconds after glass stops at fully closed position.
- f. Check that auto-up function operates normally.

**PARTS INFORMATION**

<b>DESCRIPTION</b>	<b>PART #</b>	<b>QUANTITY</b>
Harness Protector	24271 – ZW40A	1
Connector/Harness Kit (Includes M14, B4 and solder sleeve connectors)	24009 – 1VX0A	1; if needed

**CLAIMS INFORMATION**

Submit a Campaign (CM) line claim using the following claims coding:

<b>CAMPAIGN (CM) ID #</b>	<b>DESCRIPTION</b>	<b>OP CODE</b>	<b>FRT</b>
R1421	Inspect Connector harness OK, and Install Harness protector	R14210	0.2 hrs.

<b>CAMPAIGN (CM) ID #</b>	<b>DESCRIPTION</b>	<b>OP CODE</b>	<b>FRT</b>
R1421	Inspect Connector harness, Replace Connectors, and Install Harness Protector	R14211	1.7 hrs.

